

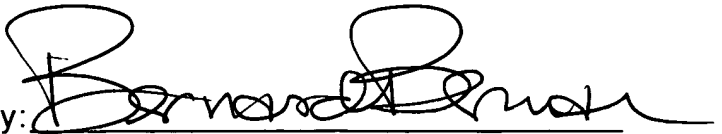
REMARKS

This Preliminary Amendment is submitted concurrently with a filing of a Continuation Application of Serial No. 09/400,127, which in turn is a Divisional Application of Serial No. 08/947,847 (hereinafter the '847 application). The originally filed '847 application is provided.

Claims 97-114 presented herein, do not add new matter and are fully supported by the specification and drawings. Specifically, each of the newly submitted claims recites, in pertinent part, a mass or matrix (and/or a precursor of such mass or matrix) that comprises carbon and silicon. Support for this recital is found at page 7, among other places, of the original specification. Therefore, Applicant respectfully requests examination of the instant application including the claims added herein.

Respectfully submitted,

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By: 
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09976624-101201

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PRIORITY Application Serial No. 09/115,339
PRIORITY Filing Date July 14, 1998
 Inventor Werner Juengling et al.
 Assignee Micron Technology, Inc.
PRIORITY Group Art Unit 2813
PRIORITY Examiner E. Kielen
 Attorney's Docket No. MI22-1789
 Title: Methods of Forming Materials Between Conductive Electrical
 Components, and Insulating Materials

VERSION WITH MARKINGS TO SHOW CHANGES MADE
ACCOMPANYING PRELIMINARY AMENDMENT

The abstract has been amended as follows. Underlines indicate insertions and ~~strikeouts~~ indicate deletions.

~~The invention encompasses~~ Methods of forming insulating materials between conductive elements. ~~In one aspect, the invention includes a method of forming a material adjacent a conductive electrical component comprising: a) partially vaporizing a mass to form a matrix adjacent the conductive electrical component, the matrix having at least one void within it. In another aspect, the invention~~ Other methods includes a ~~method of forming a material between a pair of conductive electrical components comprising the following steps: a) forming a pair of conductive electrical components within a mass and separated by an expanse of the mass; b) forming at least one support member within the expanse of the mass, the support member not comprising a conductive interconnect; and e) vaporizing the expanse of the mass to a degree effective to form at least one void between the support member and each~~

of the pair of conductive electrical components. ~~In another aspect, the invention~~ Some embodiments includes an insulating material adjacent a conductive electrical component, ~~the insulating~~ such material comprising a matrix and at least one void within the matrix. ~~In another aspect, the invention includes an insulating region between a pair of conductive electrical components comprising:~~ a) a support member between the conductive electrical components, the support member not comprising a conductive interconnect.; and b) at least one void between the support member and each of the pair of conductive electrical components.

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